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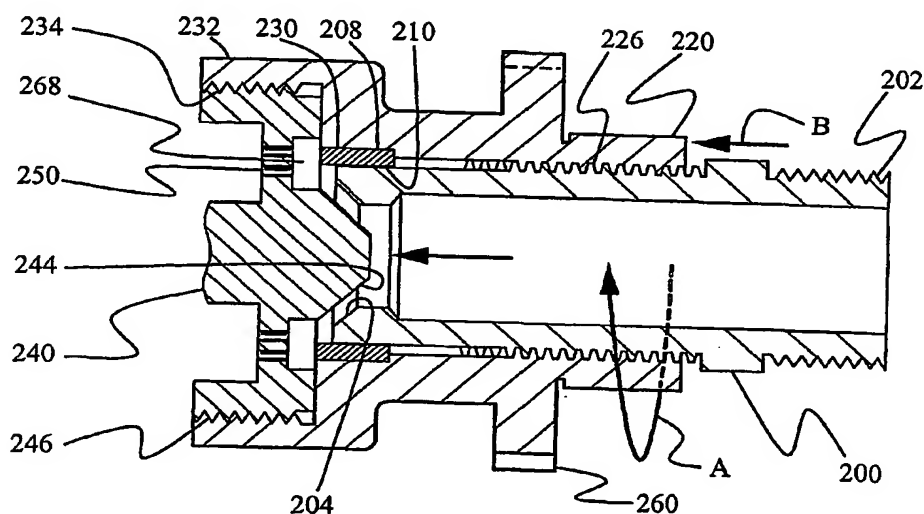
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- (54) Title: VARIABLE DIE FOR USE IN DRYING SYNTHETIC ELASTOMERS



- (57) Abstract: Apparatus and methodologies are provided for flash drying liquid materials using a variable die. A die and a die body are provided with an adjustably configured pressure regulating variable obstruction in the material flow path that allows control of the pressure applied to the material and consequent control of the temperature of the material as it enters the die. Optimizing pressure and temperature allows optimization of the flash drying process.